MOTOR PH

REQUIREMENTS

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MotorPH was established in 2020 to provide private transportation options to Filipinos

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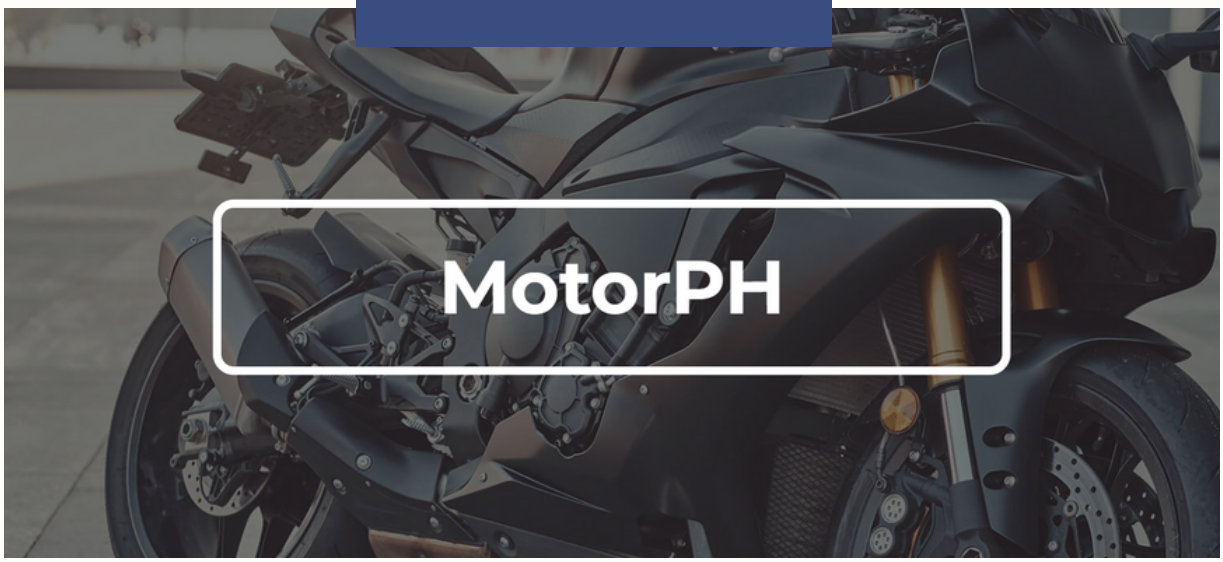

REQUIREMENTS IDENTIFICATION

What problem is the client trying to resolve or what business need are they trying to fulfill?

- To avoid discrepancies in their inventory and be able to pay employees correctly and on time.

What are your assumptions about the requirement?

- Their initial requirement is a basic presentation of employee details and automatic salary calculation based on the number of hours worked and basic deductions

What is the end goal for completing this?

- To earn a recognition and knowledge that can be utilize in the future. The end goal is to be able to present a simple application with features that the client requested.

What features are the client looking for?

- A system that are built in phases where they can manage their products and employee details and salary. Time Tracking, Automatic Wage Calculation of Gross Weekly Salary and Net Weekly Salary

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REQUIREMENTS IDENTIFICATION

Are the features part of a process? Is yes, what are the steps?

- The features are part of the process. The timeline and expectation are in week 4 Visualization of our requirements. Week 5 employee details presentation. Week 6 hours worked calculation. Week 7 gross wage calculation. Week 8 net wage calculation. Week 9-10 testing and revision and Week 11 submission of final output

Do you have thoughts on how this feature can be developed differently?

- The features can be developed differently by expanding needed materials to create the system.

How will you know that the requirements have been completed?

- The requirements have been completed if the presentation of employee details and automatic salary calculation has been included in the system.

Where does the process start? What happens next?

- The process will start by visualizing what will the application look like. As the initial requirements completed, there would be more features.

Where will the results be displayed?

- The results will be displayed in the system portal that can be seen by HR including automated payroll system and inventory

What details or information do you need to know so you can initiate the task?

- The information needed in the task are employee database which included initial employee log-in and log-out.

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REQUIREMENTS IDENTIFICATION

Are there alternative scenarios that you can think of?

- There are alternative scenarios (1) to include employees extended information in the future (2) to have an easy navigation of it

What are the tasks that need to be tracked?

- All the task should be tracked. The tasks that need to be tracked are the week 4 to week 11 that includes are the phase 1 timelines.

Do the features indicated by the client meet their current need or solve the problem they're trying to solve?

- The features indicated by the client meet the current need. Inventory and payroll system are needed in the business as it helps the MotorPh to be organized in products, employeed details and salary.

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EFFORT ESTIMATE

What are the main tasks you need to do?

Task 1 - Analyze the most requirements.
Task 2 - Create a use case diagram where it contains the specific users of the system and its requirements.
Task 3 - Create wireframes based on the use case diagram
Task 4 - Install an IDE Code and code through Java all necessary details

What do you need to know to accomplish these tasks?

Task 1 - Employee details including name, birthday, and membership details to be input in the system
Task 2 - Log in and log out time data of employee
Task 3 - Gross and net salary data of employee
Task 4 - Contributions data of employee for SSS, Pag ibig and Philhealth

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USE CASE DIAGRAM

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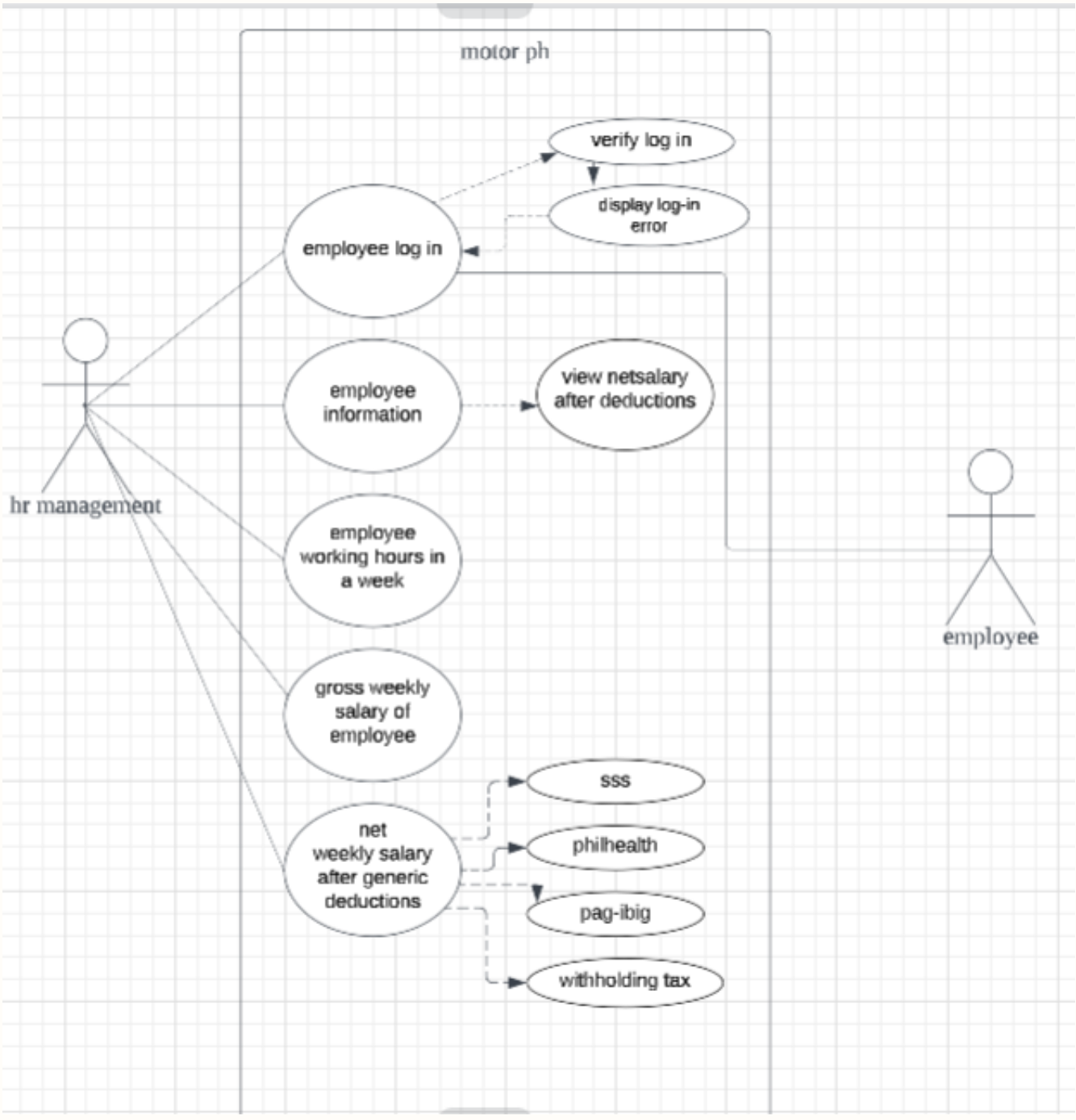

WIREFRAME HR VIEW

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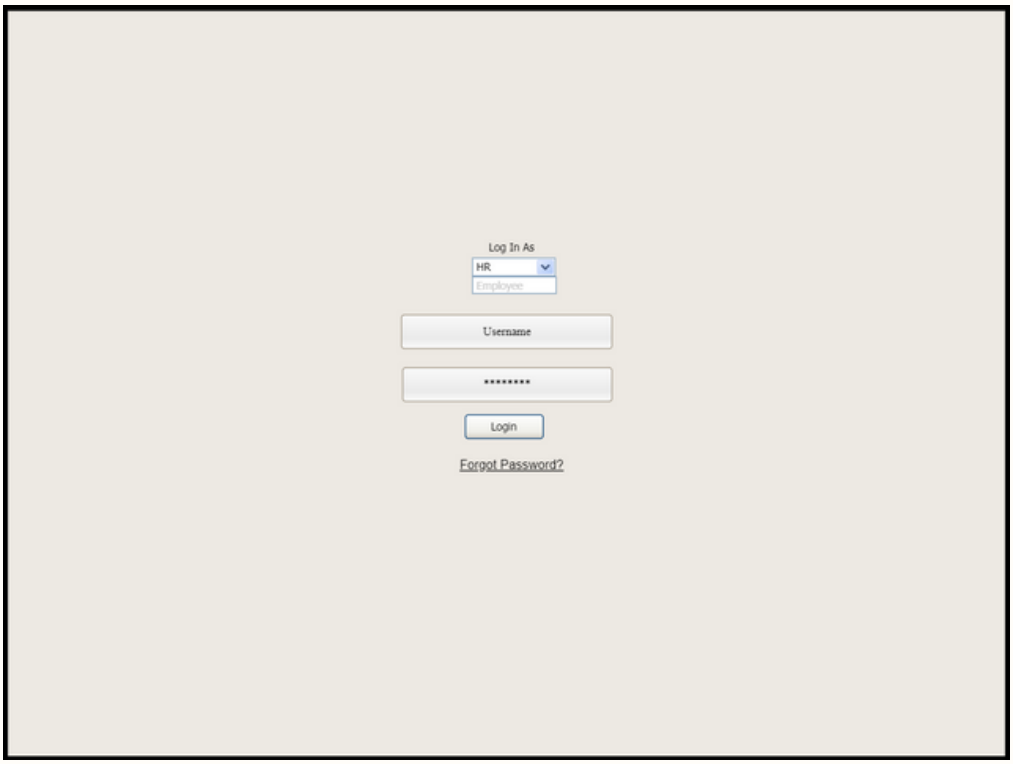

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WIREFRAME

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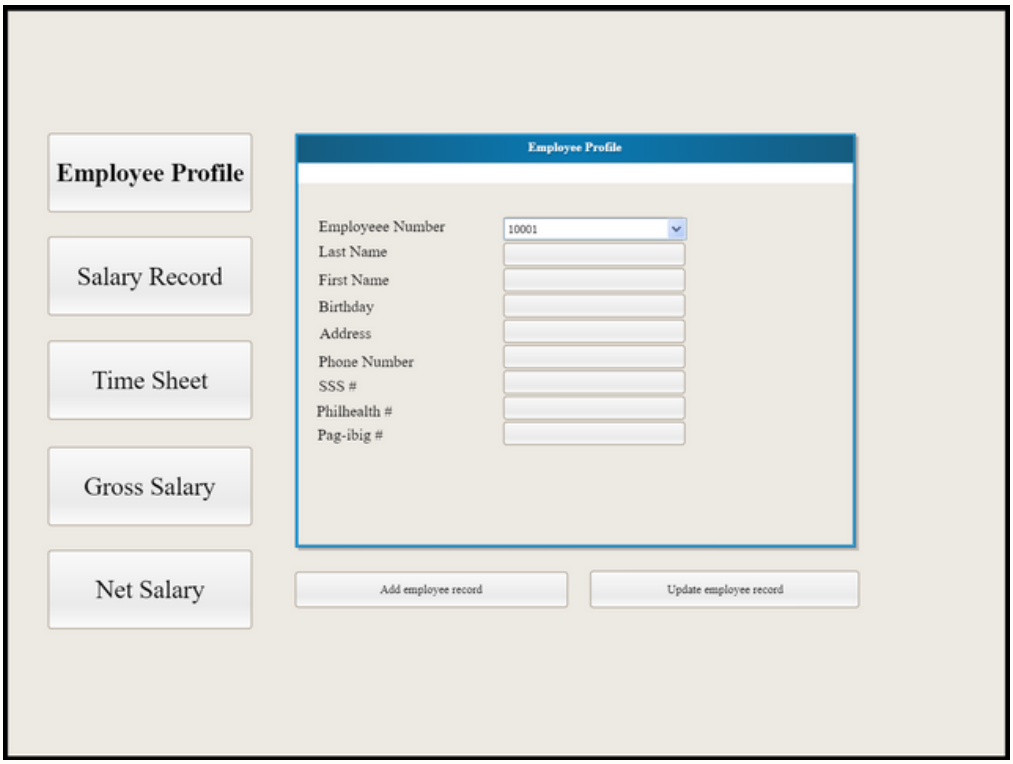

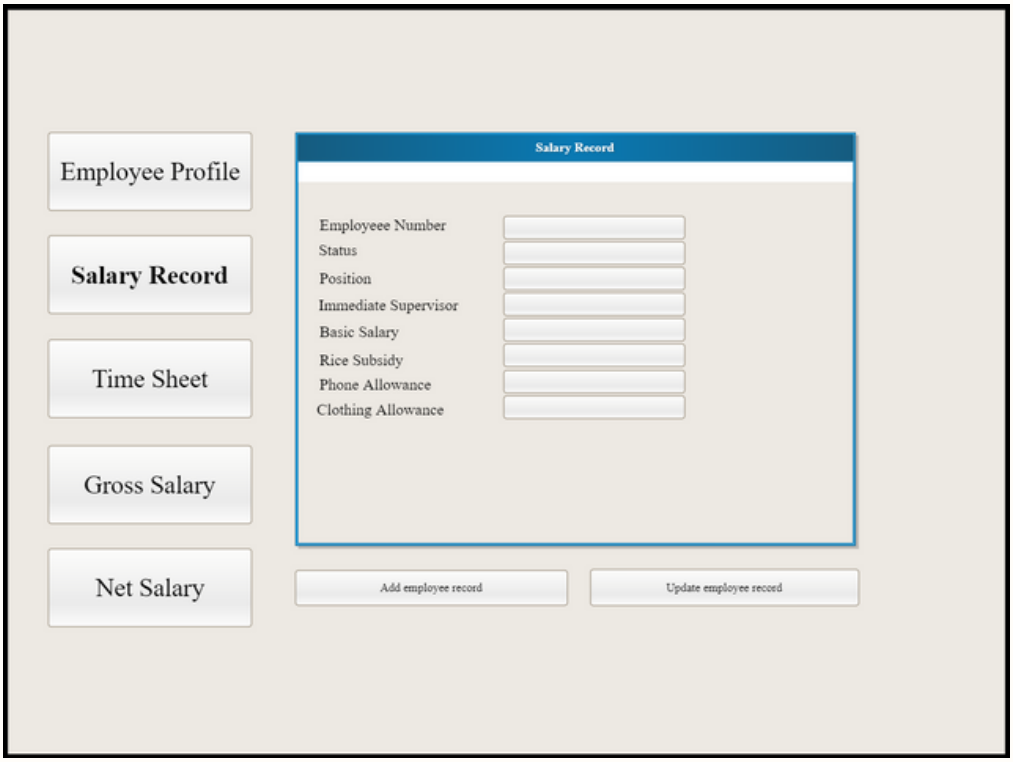

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WIREFRAME

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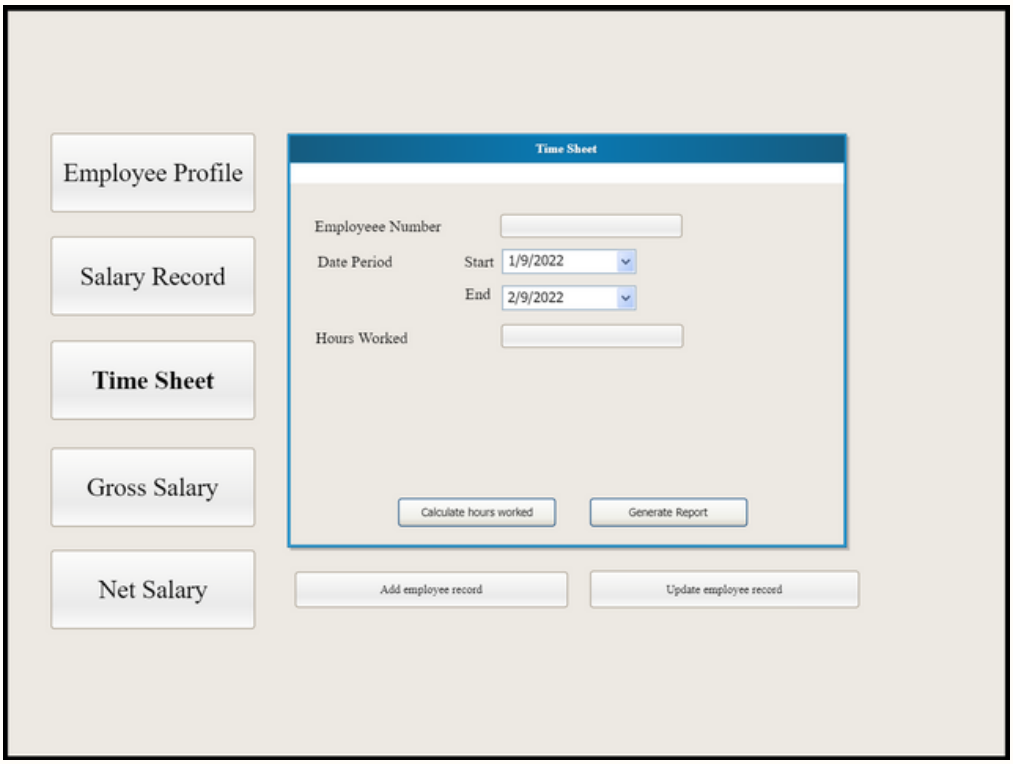

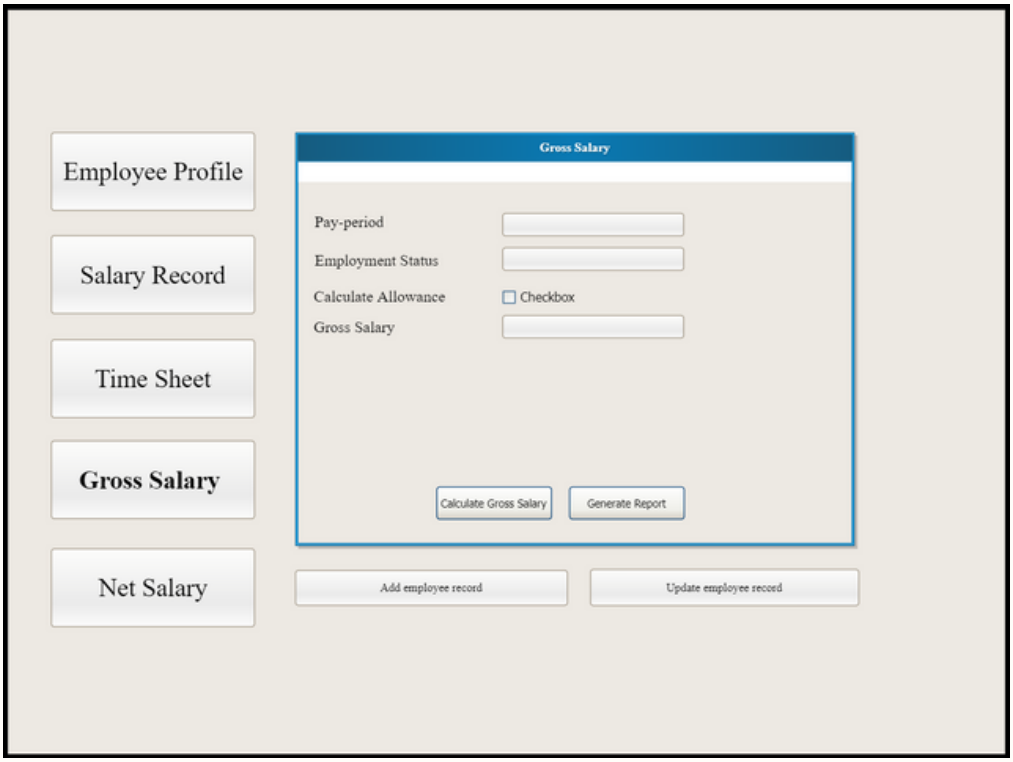

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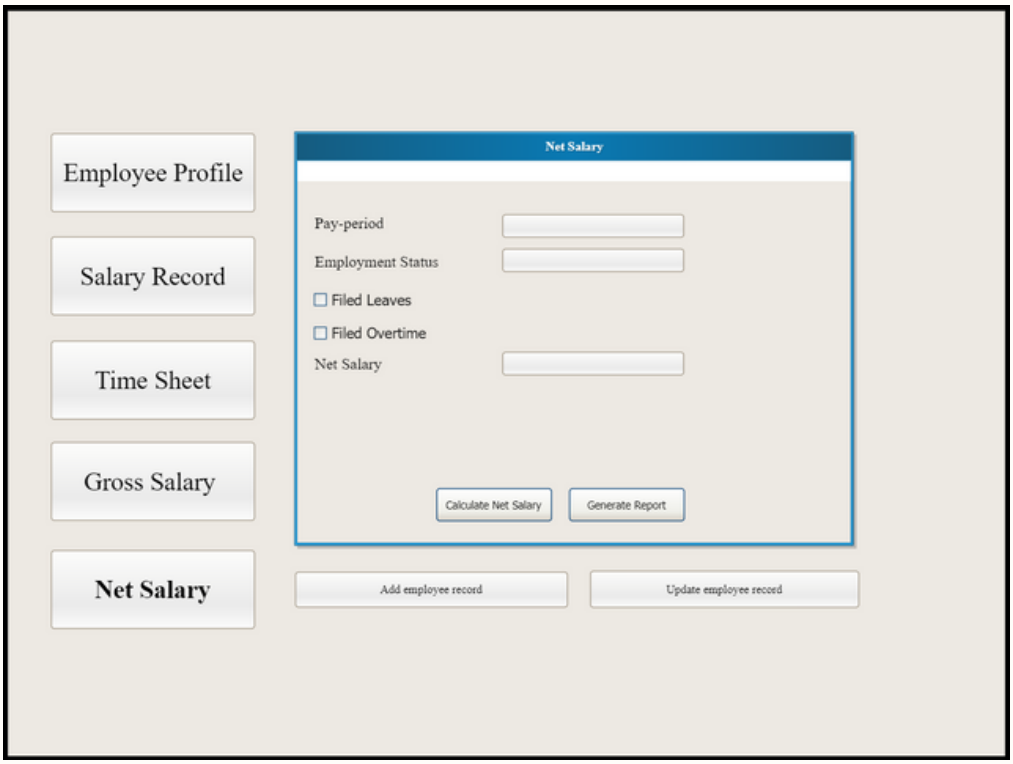

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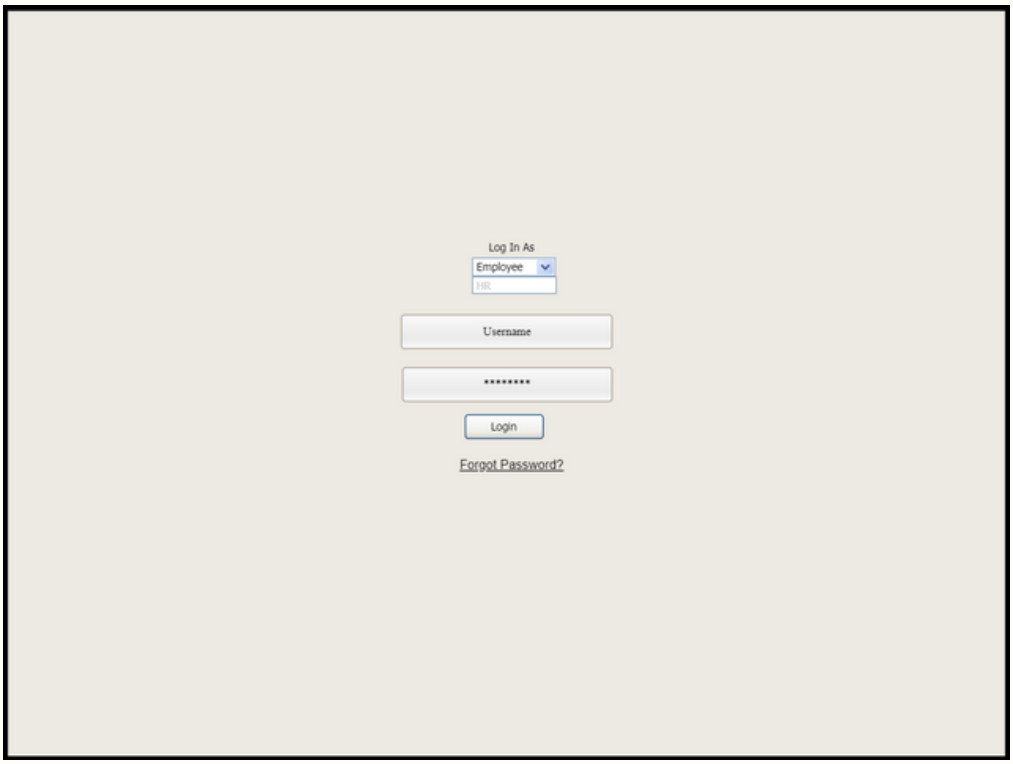
WIREFRAME EMPLOYEE VIEW



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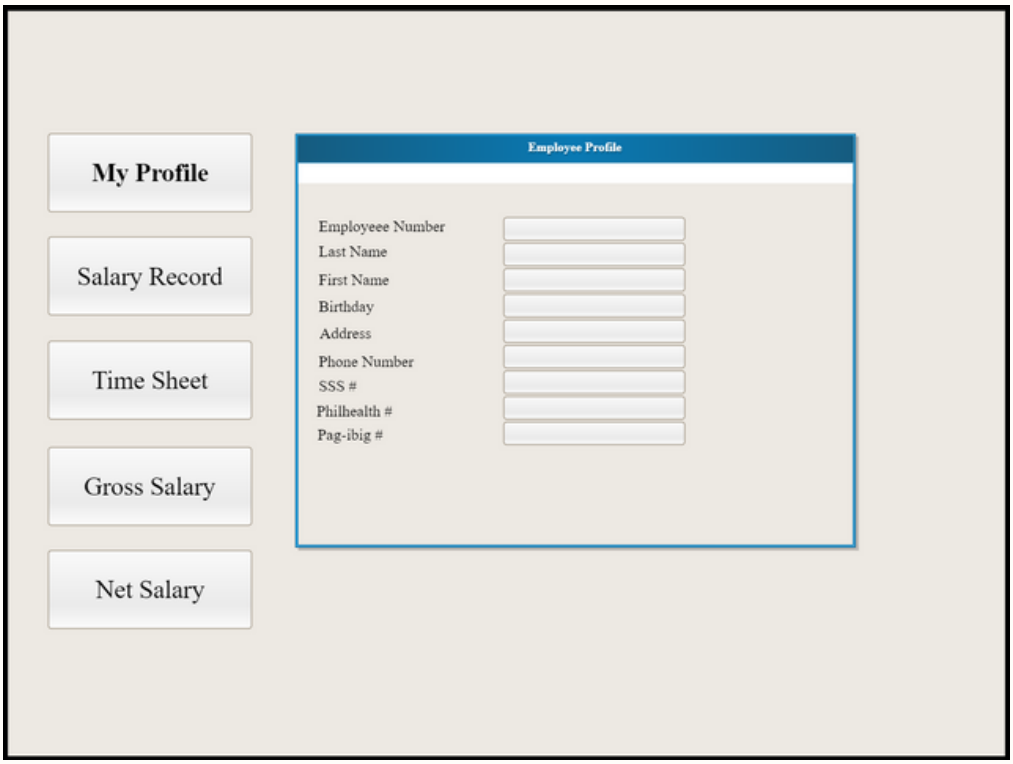

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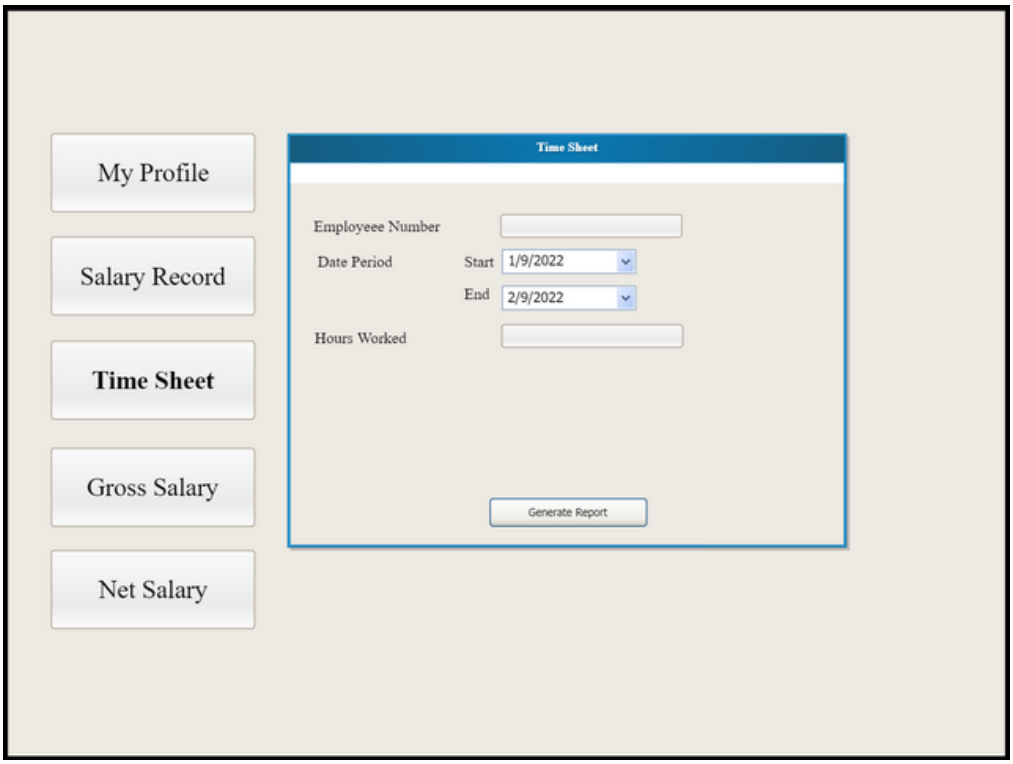

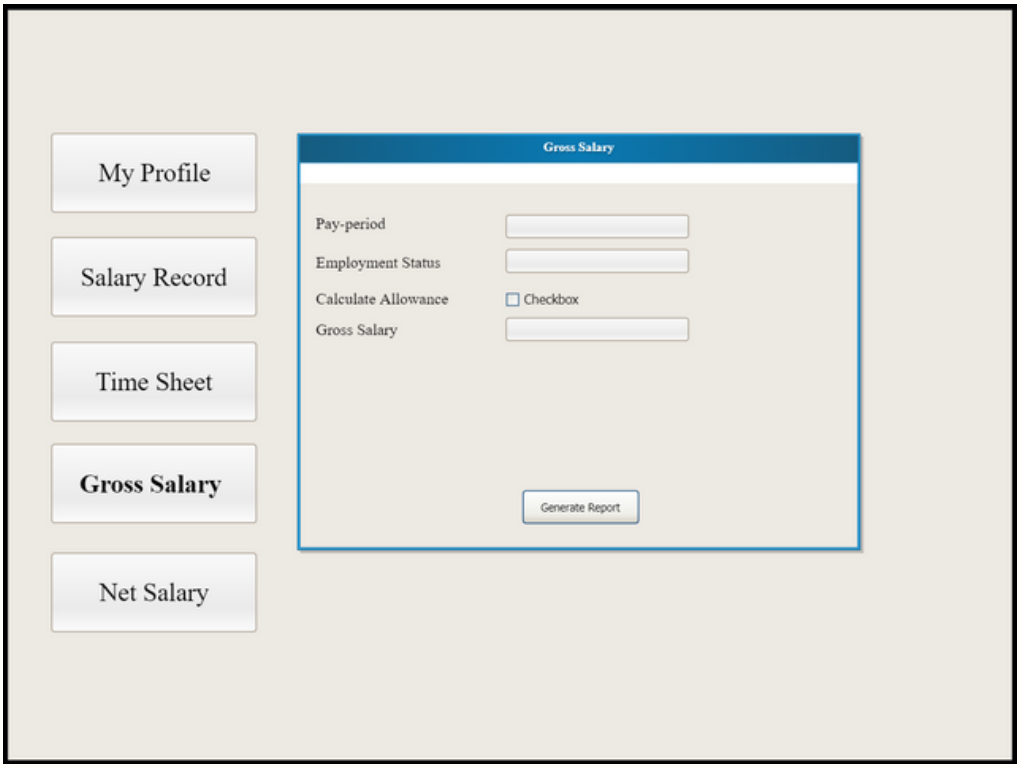

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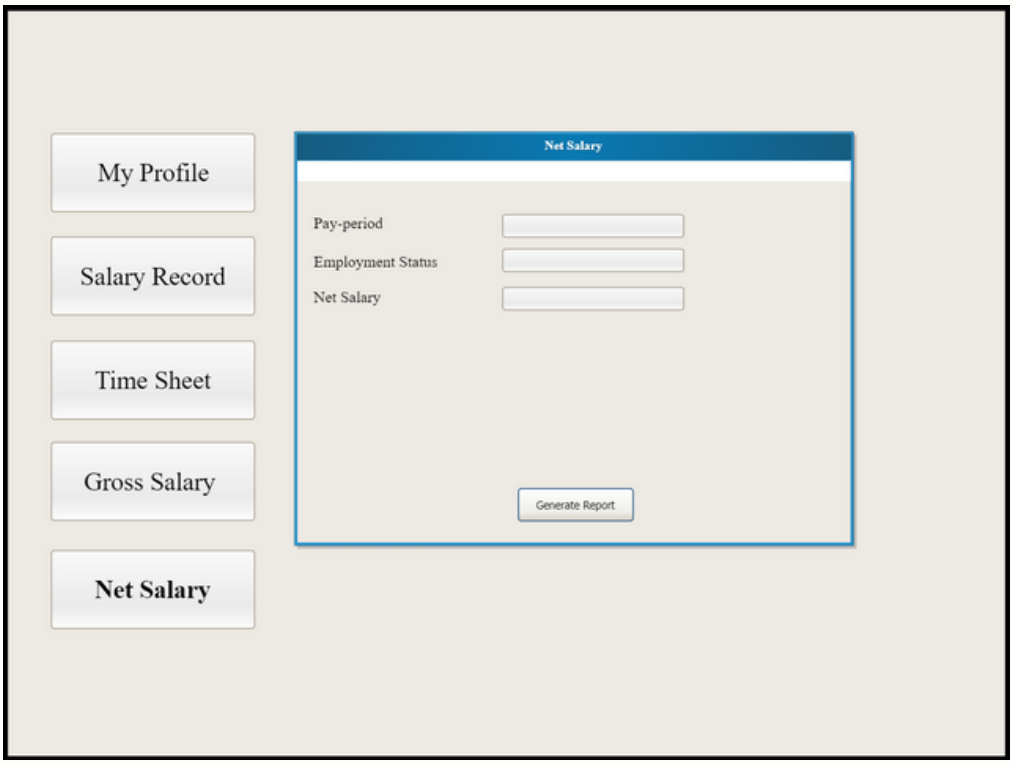

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PROJECT PLAN

#	Task	Owner	Start Date	End Date
1	Define the requirements for fulfilling MotorPH's end goal.	Development Team	12/1/2022	12/5/2022
2	Visualize the requirements through a use case diagram.	Development Team	12/8/2022	12/12/2022
3	Create wireframes based on the identified requirements that;	Development Team	12/13/2022	12/18/2022
3.1	Shows employee information in the prescribed format (employee number, employee name, birthday).	Development Team	12/13/2022	12/18/2022
3.2	Calculates the number of hours an employee has worked in a week.	Development Team	12/13/2022	12/18/2022
3.3	Calculates the gross weekly salary of an employee based on hours worked.	Development Team	12/13/2022	12/18/2022
3.4	Calculates the net weekly salary of an employee after applying generic deductions.	Development Team	12/13/2022	12/18/2022
4	Visualize the MotorPH's requirements	Development Team	1/3/2023	1/9/2023

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PROJECT PLAN

#	Task	Owner	Start Date	End Date
5	Present employee details in the payroll system	Development Team	1/10/2023	1/16/2023
6	Calculate hours worked in the payroll system	Development Team	1/17/2023	1/23/2023
7	Calculate gross wage of employee in the payroll system	Development Team	1/24/2023	1/30/2023
8	Calculate net wage of employee in the payroll system	Development Team	1/31/2023	2/6/2023
9	Testing and revision of system	Development Team	2/7/2023	2/13/2023
10	Final Output of MotorPH Payroll System	Development Team	2/14/2023	2/20/2023

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THANK YOU